

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
 Data File : BP022342.D
 Acq On : 11 Oct 2024 20:14
 Operator : RC/JU
 Sample : P4237-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EP6

Quant Time: Oct 12 01:07:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

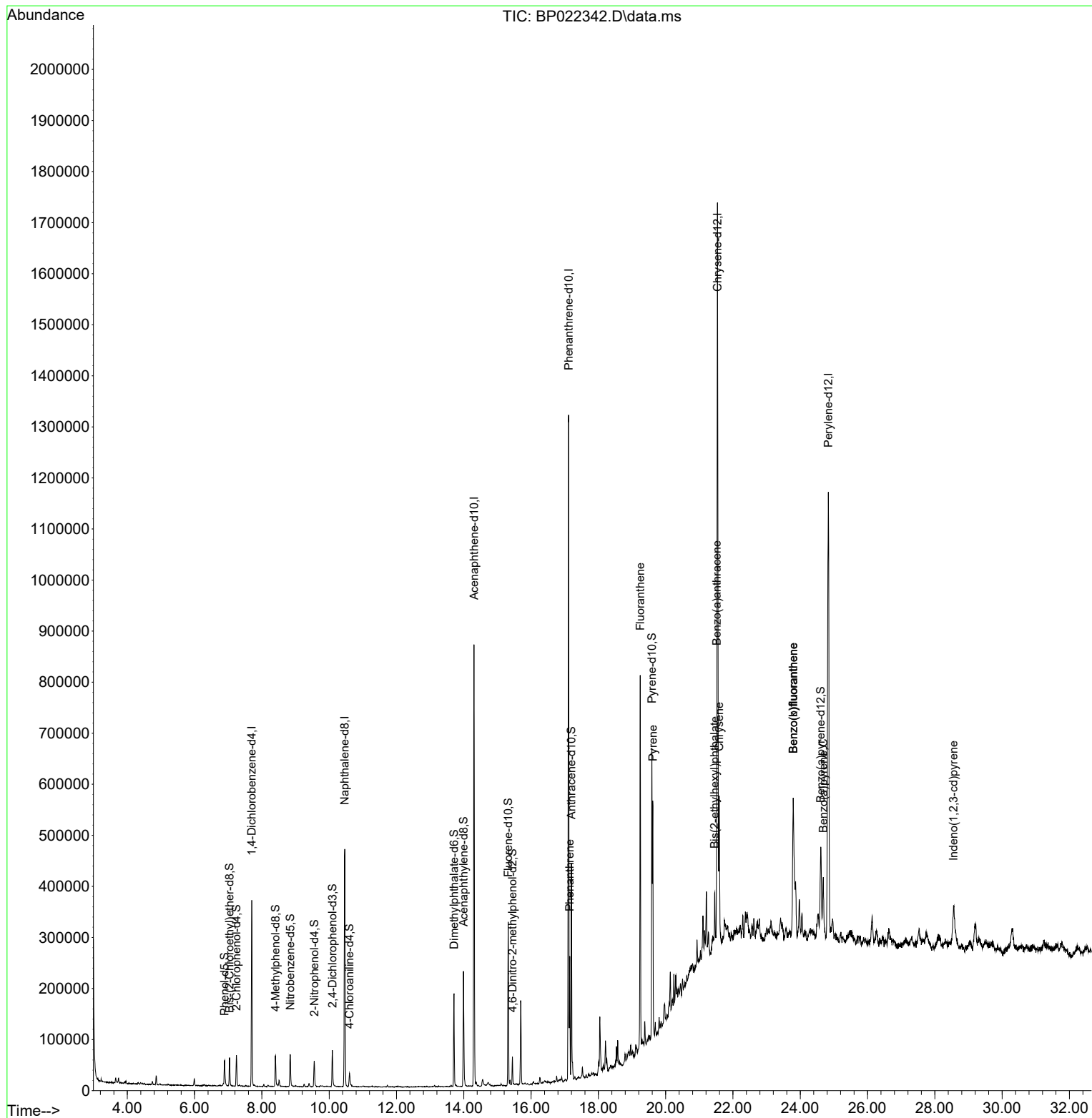
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	100324	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	379895	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	309628	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.116	188	783563	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	833698	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	1012644	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	2135	0.827	ng/uL	0.00
4) Pyridine-d5	3.628	84	218	0.031	ng/ul	0.00
7) Phenol-d5	6.893	99	27888	3.302	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	23046	4.643	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	27135	4.528	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	22258	3.303	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	14761	5.053	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	16488	4.876	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	29017	4.037	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	16161	1.903	ng/ul	0.01
46) Dimethylphthalate-d6	13.710	166	122384	4.975	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	137964	5.280	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	7	0.002	ng/ul	-0.04
60) Fluorene-d10	15.322	176	126030	5.906	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	12978	2.518	ng/ul	0.00
73) Anthracene-d10	17.198	188	211506	5.738	ng/ul	-0.02
81) Pyrene-d10	19.592	212	252464	5.726	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.610	264	219134	4.052	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.151	178	127647	3.045	ng/ul	99
80) Fluoranthene	19.245	202	423916	8.364	ng/ul	100
82) Pyrene	19.622	202	305832	5.630	ng/ul	99
85) Benzo(a)anthracene	21.522	228	173030	2.961	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	39723	1.463	ng/ul	97
87) Chrysene	21.592	228	234731	4.331	ng/ul	98
90) Benzo(b)fluoranthene	23.792	252	334926	5.254	ng/ul	98
91) Benzo(k)fluoranthene	23.792	252	334926	5.367	ng/ul	97
93) Benzo(a)pyrene	24.686	252	126068	2.149	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.556	276	127588	1.630	ng/ul	95

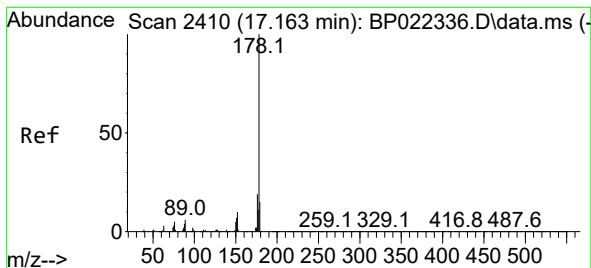
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 3.045 ng/ul

RT: 17.151 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP022342.D

Acq: 11 Oct 2024 20:14

Instrument :

BNA_M

ClientSampleId :

A4EP6

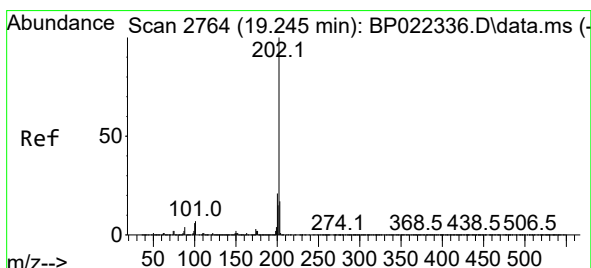
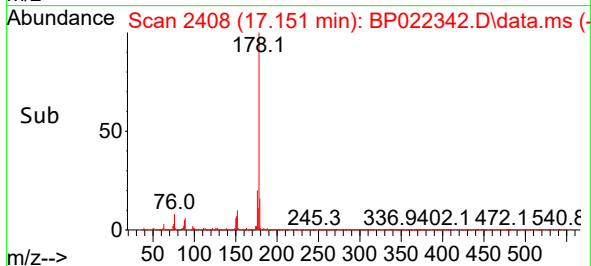
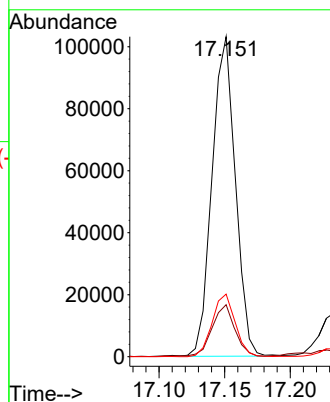
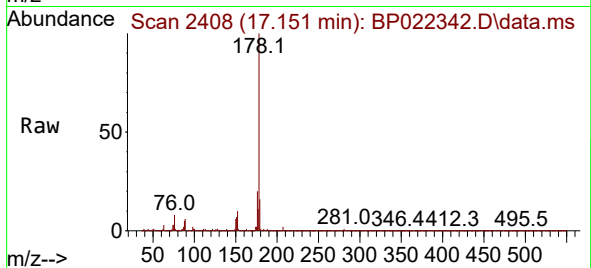
Tgt Ion:178 Resp: 127647

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

176 19.5 15.7 23.5



#80

Fluoranthene

Concen: 8.364 ng/ul

RT: 19.245 min Scan# 2764

Delta R.T. -0.000 min

Lab File: BP022342.D

Acq: 11 Oct 2024 20:14

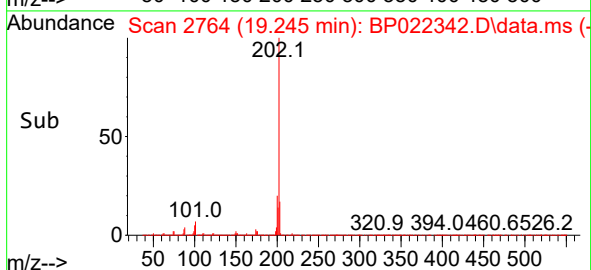
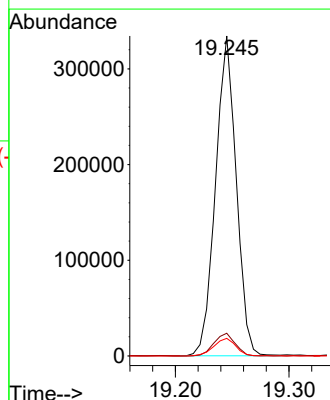
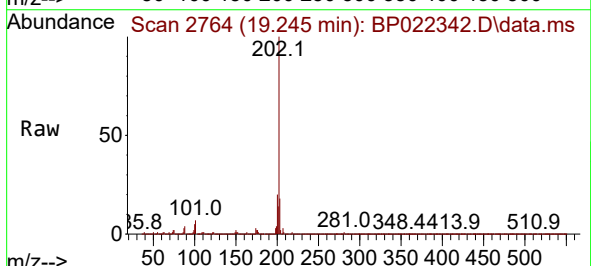
Tgt Ion:202 Resp: 423916

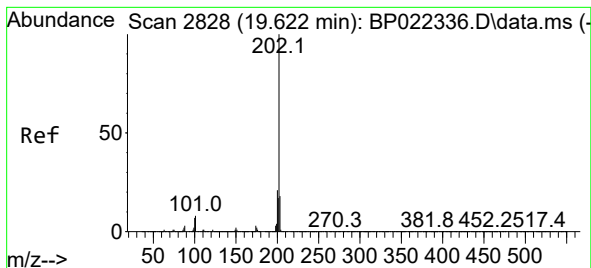
Ion Ratio Lower Upper

202 100

101 7.1 5.8 8.8

100 5.5 4.5 6.7





#82

Pyrene

Concen: 5.630 ng/ul

RT: 19.622 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP022342.D

Acq: 11 Oct 2024 20:14

Instrument :

BNA_M

ClientSampleId :

A4EP6

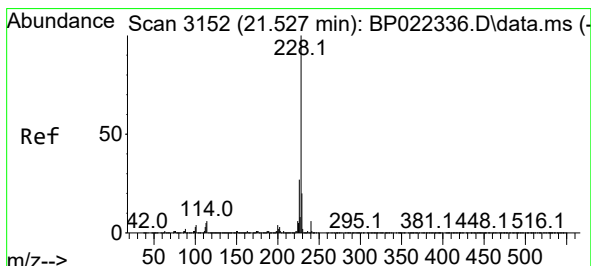
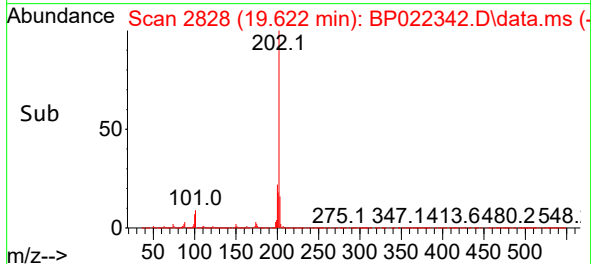
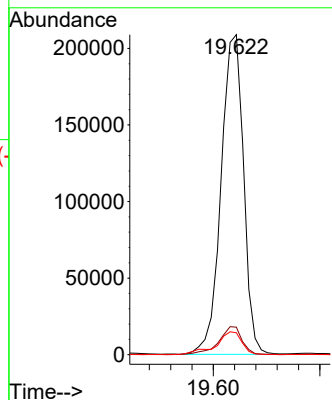
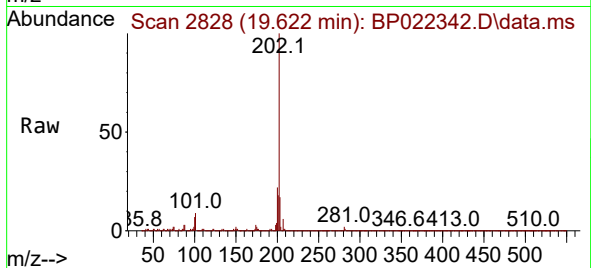
Tgt Ion:202 Resp: 305832

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

100 6.8 5.8 8.6



#85

Benzo(a)anthracene

Concen: 2.961 ng/ul

RT: 21.522 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BP022342.D

Acq: 11 Oct 2024 20:14

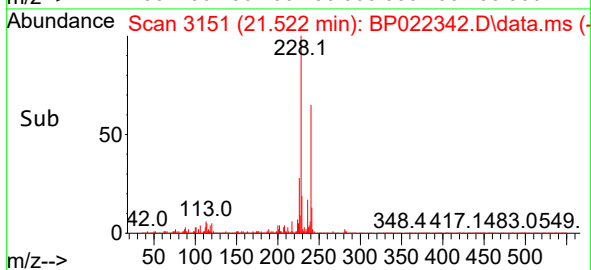
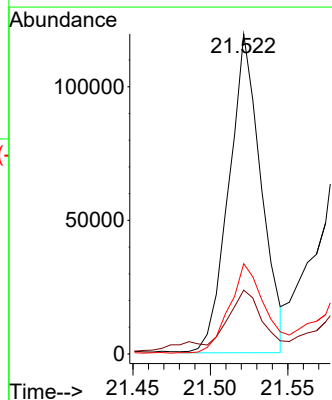
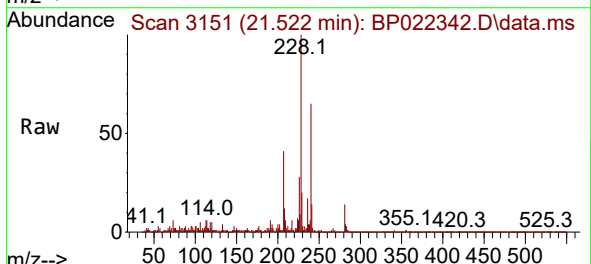
Tgt Ion:228 Resp: 173030

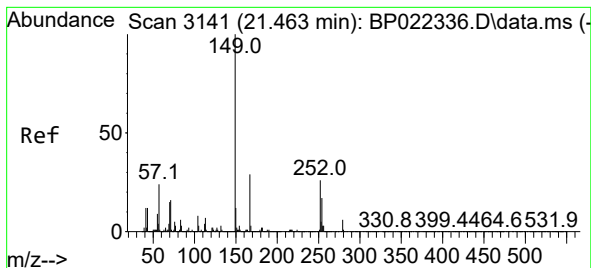
Ion Ratio Lower Upper

228 100

229 20.0 15.4 23.0

226 28.2 21.5 32.3

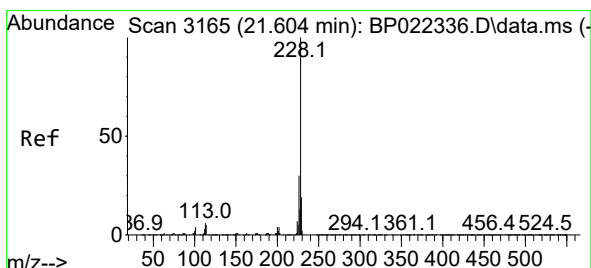
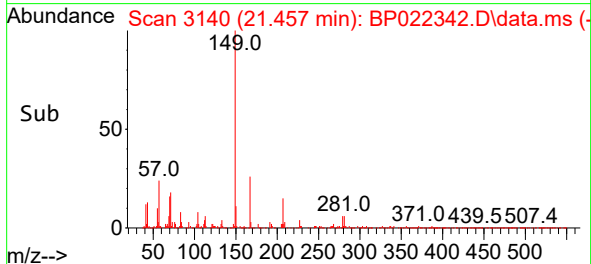
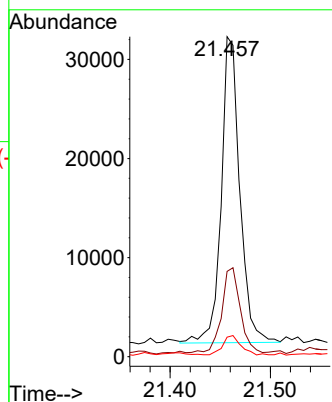
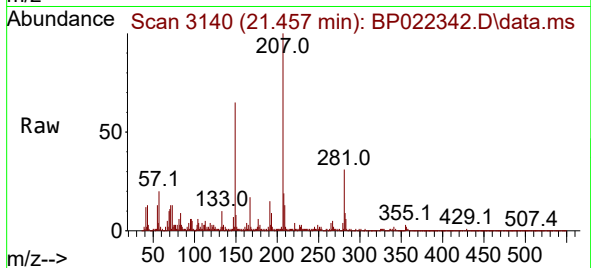




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.463 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP022342.D
Acq: 11 Oct 2024 20:14

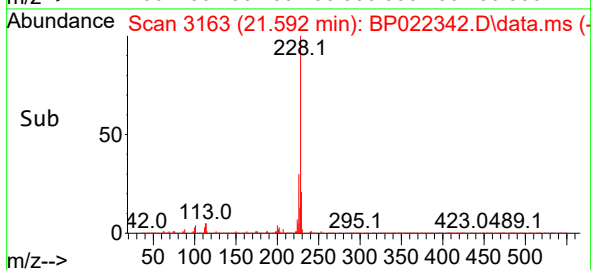
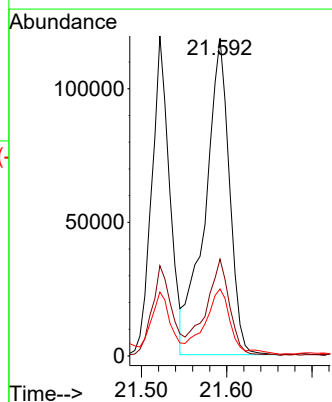
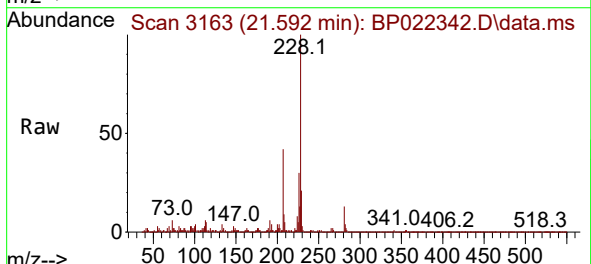
Instrument :
BNA_M
ClientSampleId :
A4EP6

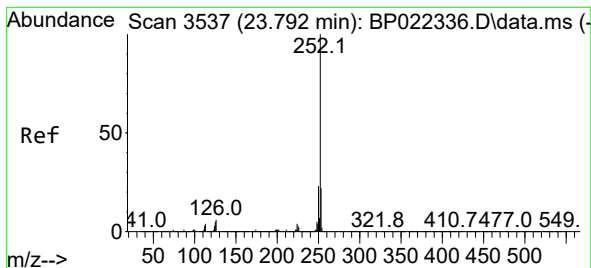
Tgt Ion:149 Resp: 39723
Ion Ratio Lower Upper
149 100
167 26.6 23.0 34.4
279 6.1 4.8 7.2



#87
Chrysene
Concen: 4.331 ng/ul
RT: 21.592 min Scan# 3163
Delta R.T. -0.000 min
Lab File: BP022342.D
Acq: 11 Oct 2024 20:14

Tgt Ion:228 Resp: 234731
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 21.1 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 5.254 ng/ul

RT: 23.792 min Scan# 3537

Delta R.T. 0.006 min

Lab File: BP022342.D

Acq: 11 Oct 2024 20:14

Instrument :

BNA_M

ClientSampleId :

A4EP6

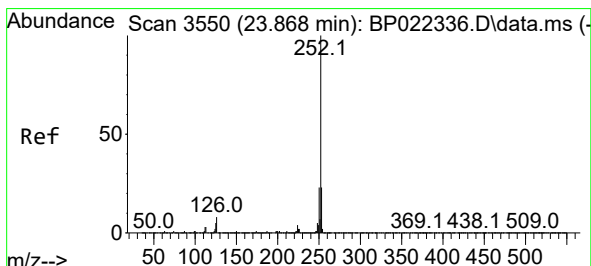
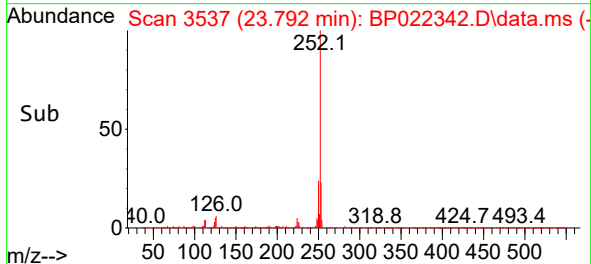
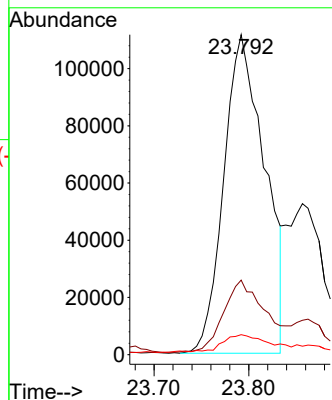
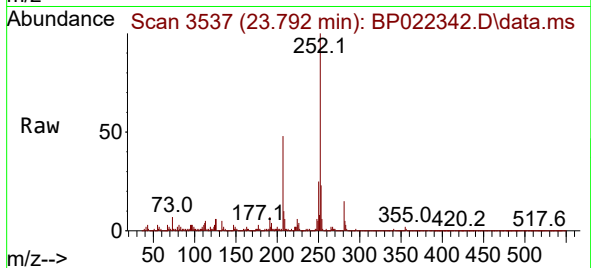
Tgt Ion:252 Resp: 334926

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 6.2 5.0 7.4



#91

Benzo(k)fluoranthene

Concen: 5.367 ng/ul

RT: 23.792 min Scan# 3537

Delta R.T. -0.065 min

Lab File: BP022342.D

Acq: 11 Oct 2024 20:14

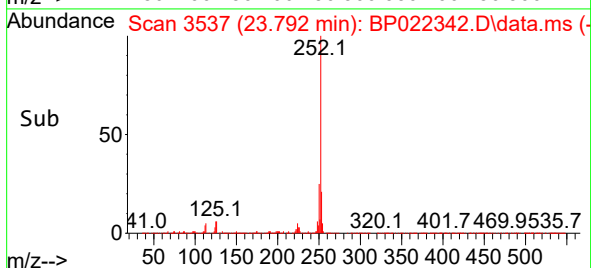
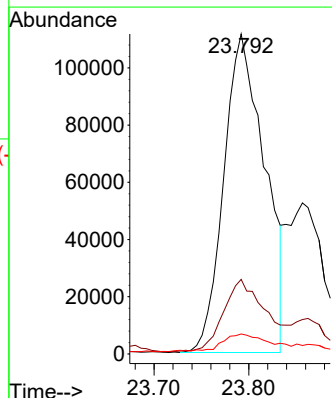
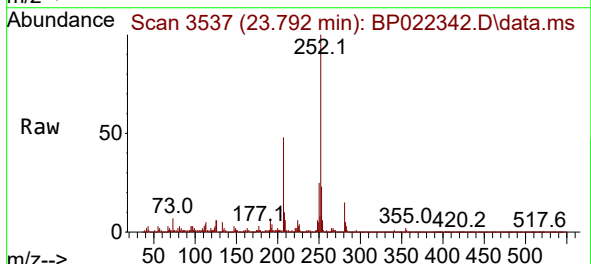
Tgt Ion:252 Resp: 334926

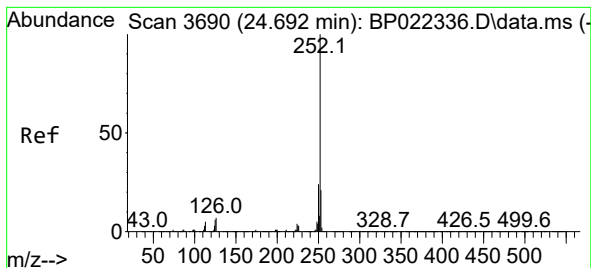
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 6.2 4.6 6.8





#93

Benzo(a)pyrene

Concen: 2.149 ng/ul

RT: 24.686 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP022342.D

Acq: 11 Oct 2024 20:14

Instrument :

BNA_M

ClientSampleId :

A4EP6

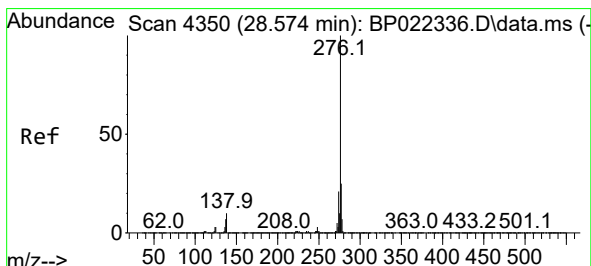
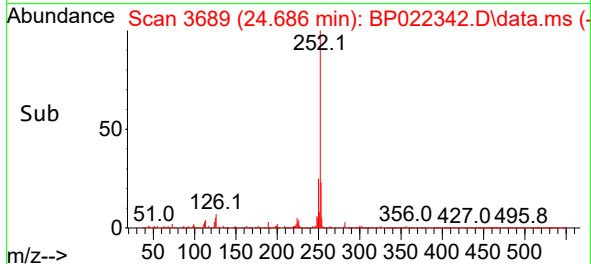
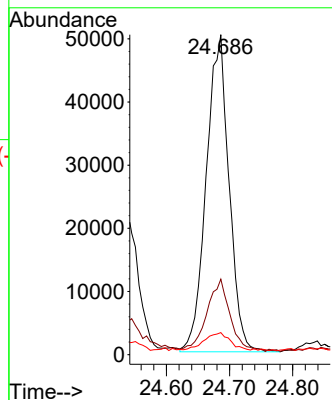
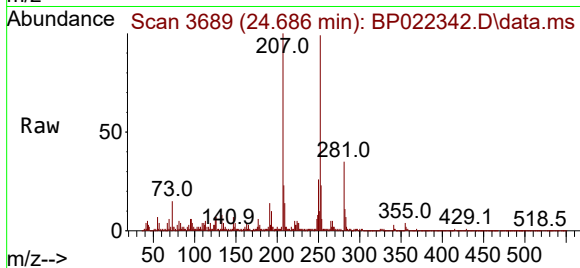
Tgt Ion:252 Resp: 126068

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

125 6.9 4.9 7.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.630 ng/ul

RT: 28.556 min Scan# 4347

Delta R.T. -0.006 min

Lab File: BP022342.D

Acq: 11 Oct 2024 20:14

Tgt Ion:276 Resp: 127588

Ion Ratio Lower Upper

276 100

138 9.6 9.1 13.7

277 25.9 18.6 27.8

